

## Datasheet: imec CMV2K SSM4x4 460-600

<b>Imec sensor part nr.</b>	360-0003-01
<b>Bandpass filter type</b>	round glass designed for in-camera integration
- <b>Diameter</b>	25mm
- <b>Thickness</b>	1mm
<b>Detection range</b>	460 – 600 nm
- <b>Nr of samples</b>	16
<b>Central wavelengths</b>	460.9, 468.1, 476.5, 486.0, 494.6, 506.4, 515.4, 524.5, 536.9, 543.9, 554.5, 563.2, 571.7, 582.6, 587.7, 598.2
- <b>Max. avg. rel. deviation</b>	±0.8%
- <b>Max. rel. single band deviation</b>	±1.0%
<b>Camera category</b>	snapshot VIS
<b>Base imager</b>	AMS CMV2000
- <b>Spatial resolution</b>	2048x1088
- <b>Frame rate</b>	Up to 340 fps
- <b>Pixel pitch</b>	5.5 µm
- <b>Bit depth</b>	8 or 10 bit
<b>Spectral cube resolution</b>	2040x1080x16
<b>Status</b>	Active

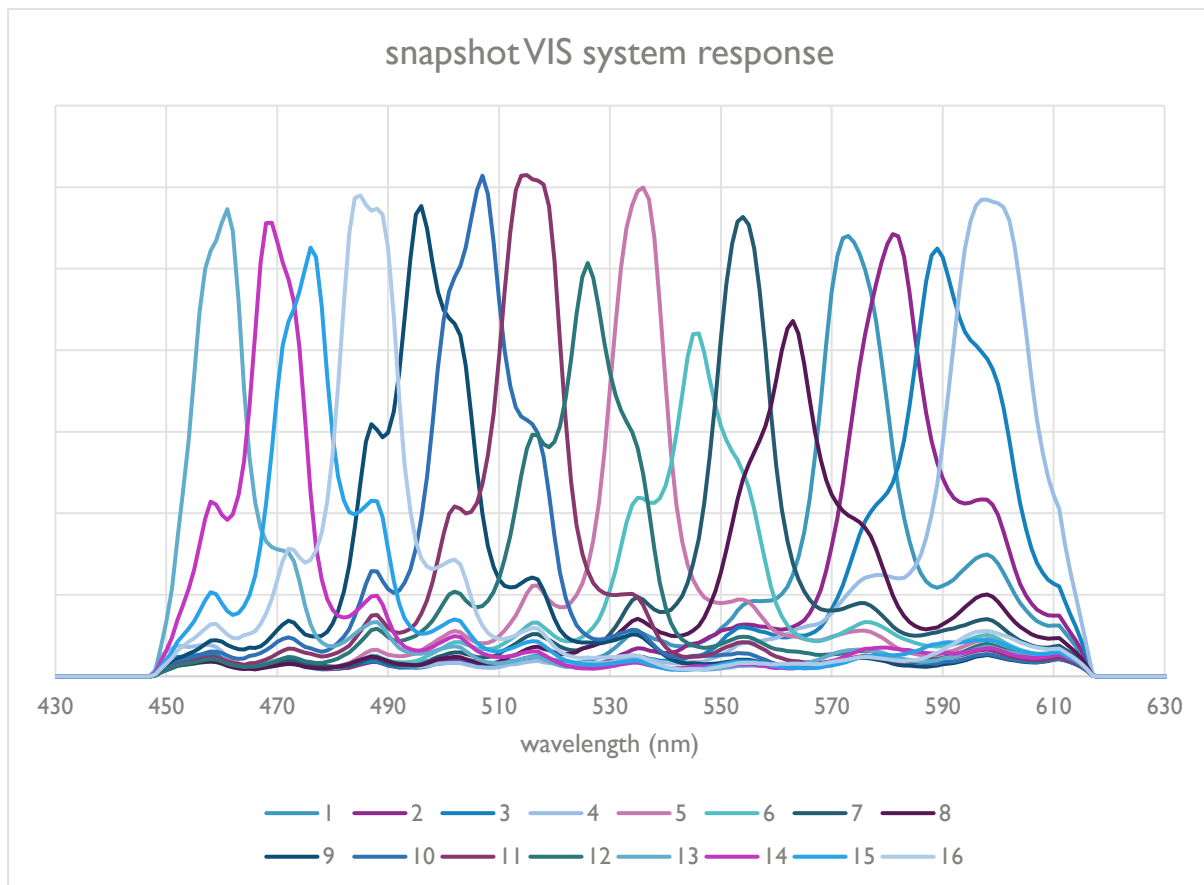


Figure 1. Example of a snapshot VIS system response graph

### Space qualification:

Our off-the-shelf sensors have not been designed for space applications and did not pass a complete space-qualification process according to f.i. ESCC specification. Contact us for custom sensor development with your specific qualification needs for use in space (export control license requirements may apply).

### More information

- [hsisales@imec.be](mailto:hsisales@imec.be)
- <http://www.imechyperspectral.com>

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